

Title (en)
PAPER CONTAINER

Title (de)
PAPIERCONTAINER

Title (fr)
RÉCIPIENT EN PAPIER

Publication
EP 2298656 A4 20121024 (EN)

Application
EP 09773151 A 20090629

Priority
• JP 2009002977 W 20090629
• JP 2008171381 A 20080630
• JP 2008171382 A 20080630

Abstract (en)
[origin: US2010237142A1] Provided is a paper container including four body portion panels (4, 5, 6, 7) forming a cylindrical body portion having a square section, the paper container being configured so that upper ends of the body portion panels are continuously provided with a pair of gable roof-forming panels (13, 14), which include exterior top seal panels (17, 18) and are opposed to each other, and provided with a pair of gable wall-forming panels (21, 22), which include interior top seal panels (25, 26) and are opposed to each other, and any one of which serves as a spout and is to be opened, the gable wall-forming panels (21, 22) are folded out between the gable roof-forming panels (13, 14), and the exterior top seal panels (17, 18) and the interior top seal panels (25, 26) are heated and sealed with each other at a predetermined position so as to be hermetically sealed, in which: a seal width on a non-opening side (B) of a top seal portion (30), which is formed by heating and sealing the exterior top seal panels (17, 18) and the interior top seal panels (25, 26) with each other at the predetermined position, is larger than a seal width on an opening side (A) serving as the spout, the seal width being downwardly enlarged from the opening side (A) to the non-opening side (B); and top-portion lateral-fold-lines (11, 12) serving as boundaries between the gable roof-forming panels (13, 14) and the body portion panels (4, 6) are downwardly tilted from the opening side (A) to the non-opening side (B). With this configuration, it is possible to provide a paper container including a top seal portion easy to be grasped without deteriorating capability of opening with ease of the top seal portion.

IPC 8 full level
B65D 5/40 (2006.01)

CPC (source: EP US)
B65D 5/067 (2013.01 - EP US); **B65D 5/068** (2013.01 - EP US); **B65D 5/745** (2013.01 - EP US)

Citation (search report)
• [A] WO 9910241 A2 19990304 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al
• See references of WO 2010001573A1

Cited by
WO2012156763A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2010237142 A1 20100923; **US 8302846 B2 20121106**; CN 101878157 A 20101103; CN 101878157 B 20130206; EP 2298656 A1 20110323; EP 2298656 A4 20121024; EP 2298656 B1 20131120; HK 1149534 A1 20111007; WO 2010001573 A1 20100107

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US 73385609 A 20090629; CN 200980101232 A 20090629; EP 09773151 A 20090629; HK 11103780 A 20110414; JP 2009002977 W 20090629